

**Notice of Allowability**

Application No.

09/865,967

Applicant(s)

DOSE ET AL.

Examiner

Art Unit

Srirama Channavajjala

2166

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to 11/2/05.
2. ☒ The allowed claim(s) is/are 1,3-8,10-15,17-22,24-32,34-39,41-45 [re-numbered as: [1-39]].
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application (PTO-152)
- ☒ Interview Summary (PTO-413), Paper No./Mail Date 11152005
- ☒ Examiner's Amendment/Comment
- ☒ Examiner's Statement of Reasons for Allowance
- ☐ Other \_\_\_\_\_

  
Srirama Channavajjala  
Primary Examiner  
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### **DETAILED ACTION**

1. Claims 1,3-8,10-15,17-22,24-32,34-39,41-45 presented for examination.
2. Examiner considered applicant's "Pre-appeal brief request for review" filed on 11/2/05.
3. Examiner acknowledges applicant's "AMENDMENT" filed on March 30,2005 in response to the non-final Office action mailed on March 29, 2004.
4. Examiner noted applicant's "LETTER" filed on 7/21/2004 to "disregard the amendment erroneously filed on June 30, 2004.

### ***Drawings***

5. The drawings acceptable for examination purpose

### ***Information Disclosure Statement***

6. The information disclosure statement (IDS) submitted on 6/22/2001, paper no. # 6 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner, a copy of PTO-1449 is herewith enclosed with this office action, paper no. # 7.

### ***Interview:***

7. Applicant's Attorney Marisa J. Dubuc is thanked for the interview on 14 November 2005. During that interview Marisa J. Dubuc granted authorization to amend claims 1,3,10-15,17,24-28,32,34,41-45 and canceling 2,9,16,23,33, 40

***EXAMINER'S AMENDMENT***

8. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Marisa J. Dubuc on 14 November 2005.

9. ***The application has been amended as follows:***

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1. (Currently Amended) A method for performing ratio planning, the method comprising:

building a ratio planning database, comprising:

receiving data from at least one ratio planning data source, wherein said ratio planning data sources include sales data, order backlog data, planning data, feature unit cost, and feature data; and

updating said ratio planning database with the received data;

creating a pre-defined ratio planning report template, wherein said report template includes a coefficient of variation field;

creating a populated database for said report template, wherein said populated database is a subset of said ratio planning database;

generating a pre-defined ratio planning report in response to a user system request, wherein input to said pre-defined ratio planning report includes said report template and said populated database; and

generating a user-defined ratio planning report in response to a user system request, wherein input to said user-defined ratio planning report includes said ratio planning database.

2. (Cancelled)

3. (Currently Amended) The method of claim [2] 1 wherein said ratio planning database includes data values calculated based on said received data, said calculated data values including at least one of feature to model sales ratios, feature to model order backlog ratios, historical mean of feature to model sales ratios, and coefficient of variation.

4. (Original) The method of claim 1 wherein said ratio planning database includes a feature data index.

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5. (Original) The method of claim 4 wherein said feature data index catalogs part numbers by at least one of planner owner, commodity, function, and family.

6. (Original) The method of claim 1 wherein said ratio planning database includes a model data index.

7. (Original) The method of claim 6 wherein said model data index catalogs models by at least one of brand, segment, and family.

8. (Original) The method of claim 1 wherein said ratio planning database is a relational database.

9. (Cancelled)

10. (Currently Amended) The method of claim [9]1 wherein said ~~at least one additional~~ pre-defined ratio planning report template is a default feature planning report.

11. (Currently Amended) The method of claim [9]1 wherein said ~~at least one additional~~ pre-defined ratio planning report template is a forecast accuracy report.

12. (Currently Amended) The method of claim [9]1 wherein said ~~at least one additional~~ pre-defined ratio planning report template is an audit report.

13. (Currently Amended) The method of claim [9]1 wherein said ~~at least one additional~~ pre-defined ratio planning report template is an average model cost report.

14. (Currently Amended) The method of claim [9]1 wherein said ~~at least one additional~~ pre-defined ratio planning report template is a churn report.

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15. (Currently Amended) A system for performing ratio planning, the system comprising:

a storage device storing a ratio planning database, the ratio planning database receiving data from at least one ratio planning data source, wherein said ratio planning data sources include sales data, order backlog data, planning data, feature unit cost, and feature data; said storage device being updated with the received data;  
and

a host system in communication with said storage device, said host system implementing a process comprising:

creating a pre-defined ratio planning report template, wherein said report template includes a coefficient of variation field;

creating a populated database for said report template, wherein said populated database is a subset of said ratio planning database;

generating a pre-defined ratio planning report in response to a user system request, wherein input to said pre-defined ratio planning report includes said report template and said populated database; and

generating a user-defined ratio planning report in response to a user system request, wherein input to said user-defined ratio planning report includes said ratio planning database.

16. (Cancelled)

17. (Currently Amended) The system of claim [16]15 wherein said storage device stores data values calculated based on said received data, said calculated data values including at least one of feature to model sales ratios, feature to model order backlog ratios, historical mean of feature to model sales ratios, and coefficient of variation.

18. (Original) The system of claim 15 wherein said storage device stores a feature data index.

19. (Original) The system of claim 18 wherein said feature data index catalogs part numbers by at least one of planner owner, commodity, function, and family.

20. (Original) The system of claim 15 wherein said ratio planning database includes a model data index.

21. (Original) The system of claim 20 wherein said model data index catalogs models by at least one of brand, segment, and family.

22. (Original) The system of claim 15 wherein said storage device stores a relational database, said relational database including said ratio planning database.

23. (Cancelled)

24. (Currently Amended) The system of claim [23]15 wherein said ~~at least one additional~~ pre-defined ratio planning report template is a default feature planning report.

25. (Currently Amended) The system of claim [23]15 wherein said ~~at least one additional~~ pre-defined ratio planning report template is a forecast accuracy report.

26. (Currently Amended) The system of claim [23]15 wherein said ~~at least one additional~~ pre-defined ratio planning report template is an audit report.

27. (Currently Amended) The system of claim [23]15 wherein said ~~at least one additional~~ pre-defined ratio planning report template is an average model cost report.

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28. (Currently Amended) The system of claim [23]15 wherein said ~~at least one additional~~ pre-defined ratio planning report template is a churn report.

29. (Original) The system of claim 15 further comprising a network providing communication between the host system and the user system.

30. (Original) The system of claim 15 further comprising a network providing communication between the storage device and said at least one ratio planning data source.

31. (Original) The system of claim 15 further comprising a network providing communication between the storage device and the host system.

32. (Currently Amended) A storage medium encoded with machine-readable computer program code for performing ratio planning, the storage medium storing instructions for causing a host system to implement a method comprising:

building a ratio planning database, comprising:

receiving data from at least one ratio planning data source, wherein said ratio planning data sources include sales data, order backlog data, planning data, feature unit cost, and feature data; and

updating said ratio planning database with the received data;

creating a pre-defined ratio planning report template, wherein said report template includes a coefficient of variation field;

creating a populated database for said report template, wherein said populated database is a subset of said ratio planning database;

generating a pre-defined ratio planning report in response to a user system request, wherein input to said pre-defined ratio planning report includes said report template and said populated database; and



generating a user-defined ratio planning report in response to a user system request, wherein input to said user-defined ratio planning report includes said ratio planning database.

33. (Cancelled)

34. (Currently Amended) The storage medium of claim [33]32 wherein said ratio planning database includes data values calculated based on said received data, said calculated data values including at least one of feature to model sales ratios, feature to model order backlog ratios, historical mean of feature to model sales ratios, and coefficient of variation.

35. (Original) The storage medium of claim 32 wherein said ratio planning database includes a feature data index.

36. (Original) The storage medium of claim 35 wherein said feature data index catalogs part numbers by at least one of planner owner, commodity, function, and family.

37. (Original) The storage medium of claim 32 wherein said ratio planning database includes a model data index.

38. (Original) The storage medium of claim 37 wherein said model data index catalogs models by at least one of brand, segment, and family.

39. (Original) The storage medium of claim 32 wherein said ratio planning database is a relational database.

40. (Cancelled)

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41. (Currently Amended) The storage medium of claim [40]32 wherein said ~~at least one additional~~ pre-defined ratio planning report template is a default feature planning report.

42. (Currently Amended) The storage medium of claim [40]32 wherein said ~~at least one additional~~ pre-defined ratio planning report template is a forecast accuracy report.

43. (Currently Amended) The storage medium of claim [40]32 wherein said ~~at least one additional~~ pre-defined ratio planning report template is an audit report.

44. The storage medium of claim [40] 32 wherein said ~~at least one additional~~ pre-defined ratio planning report template is an average model cost report.

45. The storage medium of claim [40] 32 wherein said ~~at least one additional~~ pre-defined ratio planning report template is a churn report.

### **Reasons for indicating allowable subject matter**

Prior art of record fails to teach a combination of elements including *“creating a pre-defined ratio planning report template, wherein said report template includes a coefficient of variation field”*

*“generating a user-defined ratio planning report in response to a user system request, wherein input to said user-defined ratio planning report includes said ratio planning database” in claim 1,15,32*

These features, together with the other limitation of the independent claims are novel and non-obvious over the prior art of record. The dependent claims 3-8,10-14,17-22,24-31,34-39, 41-45 being definite, enabled by the specification, and further limiting to the independent claims are also allowable.

The newly cited art Henry D.Morris et al. [hereafter Henry] White paper, “Oracle EPB: Planning, budgeting, and analysis as the Hub of performance Management” is directed to budgeting and planning process, more specifically business activity monitor, reporting, and analysis, using budgeting and planning architecture as detailed in fig 1, page 3-4, it is also noted Henry disclosed integrated reporting in reporting environment based on the data model, toolset for users to select and change report parameters [see page 7-8].


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The newly cited art Takanabe et al. WO 01/29722 is directed to integrating product creation, planning, sales and order fulfillment, more specifically, providing an online product system for a prospective product, including services and or projects. Takanabe also teaches registering, receiving, planning, product orders including order quantity product, product price and displaying substantially real time [see Abstract, page 5, line 27-37]

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Srirama Channavajjala whose telephone number is 571-272-4108. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:30 PM Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alam, Hosain, T, can be reached on (571) 272-3978. The fax phone numbers for the organization where the application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)

SC  
*Patent Examiner.*  
November 15, 2005.

  
SRIRAMA CHANNAVAJJALA  
PRIMARY EXAMINER